

SGS-12-20-BLE-DS



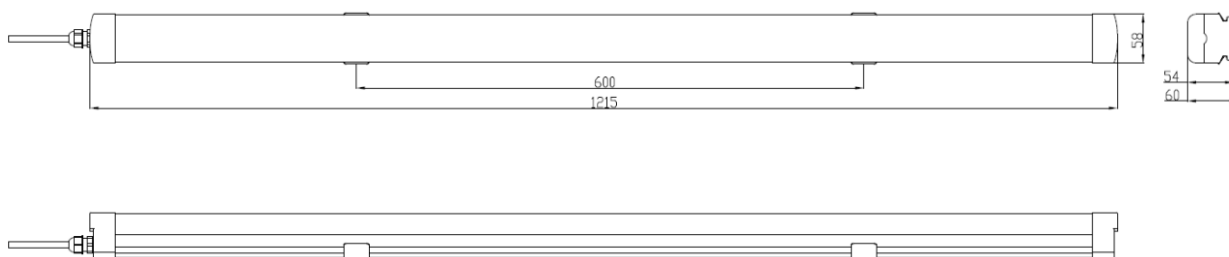
20W : 2800lm
25W : 3500lm
30W : 4200lm
35W : 4900lm



SPECIFICATION :

Source Life :	50,000 hours@25°C		
Light Source:	High Intensity LEDs		
Power Consumption:	20W / 25W / 30W / 35W		
Function :	Motion detect sensor / Daylight sensor		
Power Factor :	≥ 0.96		
Color Temperature :	6500k		
Color rendering index (CRI)	≥80		
Luminous Flux :	2800lm / 3500lm / 4200lm /4900lm		
Luminous Efficacy :	140 lm/W		
Optical cover finish:	Milky white		
Housing Optical cover Material:	Polycarbonate		
Emission Wave Length :	Warm white	Nature white	Cool white
	3000K	4000K	6500K
Connection:	3pin AC connector (internal)		
Listing:	IEC60598-1 / IEC60598-2-1 / CB / EMC		
Carpark W/m²	5W		
Operating Temperature :	-25 to 55°C (T _C max = 70 °C)		
Storage Temperature:	-25 to 80°C		
Operating Voltage:	AC 100~240V		
Control:	APP / Optional: (Cloud Service)		
Dimension:	1215 (L) x 58 (W)x 60(H)mm		
IP Rating :	IP 54		
Weight:	1.5Kg		
	Remark: 3 steps of MacAdam standard.		

DIMENSIONS DRAWING :



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PHOTOMETRIC DATA

Light source specifications

Optics:

Light source:

Beam angle:

Light distribution:

Illuminance

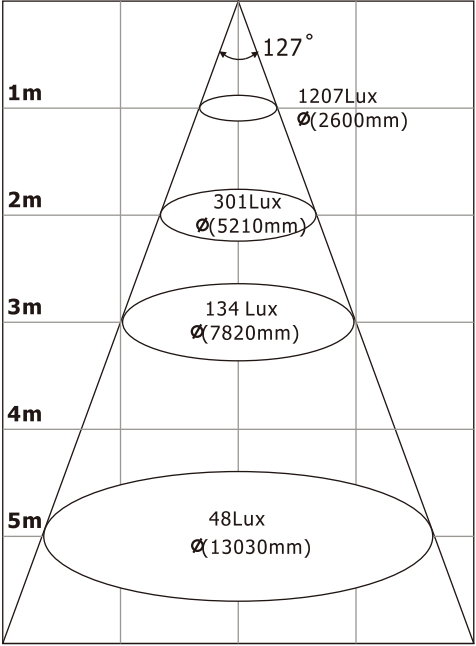
DISTANCE COLOR	1m		2m		3m		5m	
	Lux	Size (mm)	Lux	Size (mm)	Lux	Size (mm)	Lux	Size (mm)
WHITE	1207	2600	301	5210	134	7820	48	13030

* light pattern indicates the size at 50% of peak intensity

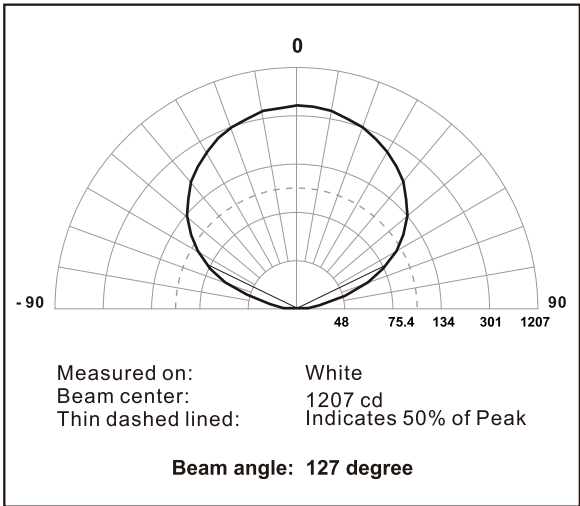
Light output

COLOR	Total (lumens)	Power(watts)	Efficacy(lm/W)
WHITE	4200	30	140

Full intensity in white color

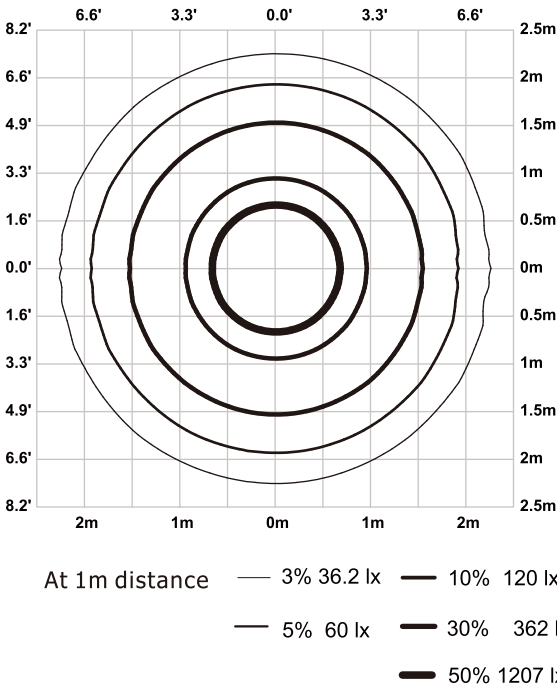


Light distribution



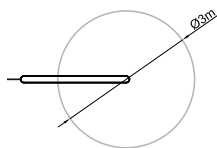
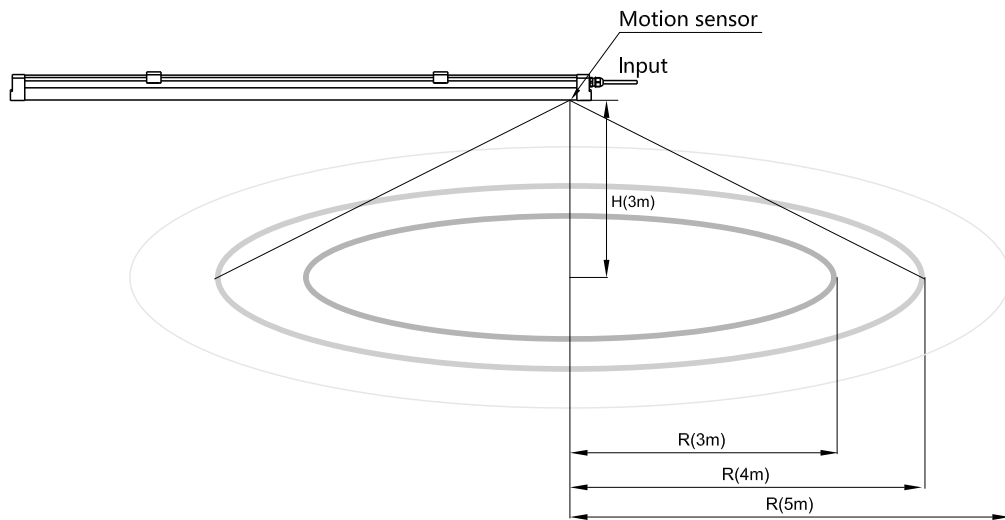
IES file is also available

Isolux diagram

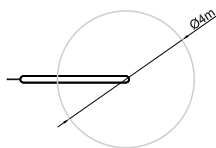


At 1m distance — 3% 36.2 lx — 10% 120 lx
— 5% 60 lx — 30% 362 lx
— 50% 1207 lx

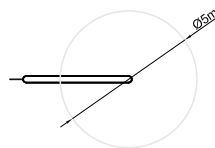
► Motion sensor detection range



High - Sensitivity area



Medium - Sensitivity area



Low - Sensitivity area